

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert W. McMillan et al.

Group Art Unit: (Not Assigned)

Title: Polarization Correlation Signal Processing For Radiometers, Ladars and Radars

Application

Serial No.: 10/653,781

Examiner: (Not Assigned)

Filed On: 03 Sept. 2003

Atty. Docket No.: 01-08

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. § 1.97b, the documents listed on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited publications are enclosed herewith with the exception of those documents previously cited in co-pending parent United States Patent Application Serial No. 10/341,151, filed 13 January 2003 and entitled "A Device and Method For Determining All Components of the Stokes Polarization Vector Within a Radar Signal".

This statement is being submitted within three months of filing of the above-

I hereby certify that this correspondence is being deposited on the date given below with the United States Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450."

Date: October 15, 2003

Roger C. Phillips, Reg. No. 37,418

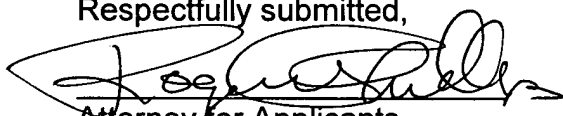
captioned application so the items submitted herewith should therefore be considered without necessity of a certification, petition or fee.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed that the information cited is entitled to prior art status relevant to this application or as an admission against interest in any manner.

Each document dated less than one year prior to the effective filing date of this application is expressly not admitted to be prior art with respect to this application, but rather is being brought to the attention of the Examiner as indicative of the state of the art.

It is respectfully requested the Examiner indicate, consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks.

Respectfully submitted,

Attorney for Applicants
Roger C. Phillips
Reg. No. 37,418

USASMD
ATTN: SMD-LC-H
P.O. Box 1500
Huntsville, AL 35807-3801
Phone: (256) 955-3213
Date: October 15, 2003



PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2**Complete if Known**

Application Number	10/653,781
Filing Date	03 Sept 2003
First Named Inventor	McMillan, Robert W.
Art Unit	
Examiner Name	
Attorney Docket Number	01-08

U. S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,608,413	Mar. 1997	Macdonald	
		US- 5,764,182	Jun. 1998	Durand	
		US- 5,793,905	Aug. 1998	Maier et al	
		US- 5,815,121	Sep. 1998	Collier	
		US- 5,890,095	Mar. 1999	Barbour et al	
		US- 6,043,887	Mar. 2000	Allard et al	
		US- 6,118,537	Sep. 2000	Johs et al	
		US- 6,490,043	Dec. 2002	Kebabian	
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FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ³ Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/653,781
		Filing Date	03 Sept 2003
		First Named Inventor	McMillan, Robert W.
		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	01-08

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Iannarilli et al., "Polarimetric-Spectral Intensity Modulation (P-SIM)...Imaging", SPIE Conference, Orlando, FL, Apr. 1999,	
		Oka, K. and Kato, T. "Spectroscopic Polarimetry...Spectrum", Optics Letters, Nov. 1, 1999, Vol. 24	
		Sabatke et al, "Optimization of Retardance...Polarimeter", Optics Letters, Vol. 25, No. 11, June 1, 2000	
		Goldsmith, P., "Quasioptical Systems", IEEE Press, PP. 71-77	
		Born, M. and Wolf, E., "Principles of Optics", Pergamon Press PP. 30-32 and 554-555.	
		McMillan et al., "An Experimental 225 GHz Pulsed Coherent Radar", Transactions on Microwave Theory and Techniques, Mar. 1991	
		Gribbin, J. "Schrodinger's Kittens...Reality", PP. 109-115	
		Sabatke et al. "A Snapshot Imaging Spectropolarimeter", Proceed. of the Multi/Hyperspectral Sensors...Workshop, Redstone Arsenal, 7-9 Nov. 2000	
		U.S. Patent Application No. 10/631,218, to McMillan et al., Entitled "Coherent Radar and Ladar Polarimeter"	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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